Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A sound insulation system for use within a vehicle, the sound insulation system ~~comprising~~ consisting essentially of:

a layer of fibrous padding material having a first surface and an opposite second surface, the first surface including multiple spaced apart recesses, the second surface having a substantially flat surface portion that extends over two adjacent recesses of the first surface; and

a cover layer attached to the second surface of the layer of fibrous padding material;

wherein the recesses of the first surface are configured to define multiple voids when the sound insulation system is mounted in the vehicle, thereby enhancing acoustical performance of the sound insulation system.

2. (Original) The sound insulation system of claim 1 wherein the sound insulation system is configured to be positioned proximate a floor pan of the vehicle, and wherein the second surface of the layer of fibrous padding material has a shape that generally conforms with the floor pan.

3. (Original) The sound insulation system of claim 1 wherein the layer of fibrous padding material includes multiple generally vertically oriented fibers.

4. (Original) The sound insulation system of claim 1 wherein the layer of fibrous padding material includes multiple vertically lapped folds.

5. (Original) The sound insulation system of claim 1 wherein the recesses cooperate to provide an undulated configuration to the first surface of the layer of fibrous

padding material, the undulated configuration including multiple, generally evenly spaced peaks.

6. (Original) The sound insulation system of claim 1 wherein the layer of fibrous padding material has a thickness, and each recess has a depth that is at least ten percent of the thickness.

7. (Original) The sound insulation system of claim 1 wherein the layer of fibrous padding material comprises natural fibers.

8. (Original) The sound insulation system of claim 1 wherein the layer of fibrous padding material comprises synthetic fibers.

9. (Cancelled)

10. (Currently Amended) A flooring system for positioning proximate a floor pan of a vehicle, the flooring system ~~comprising~~ consisting essentially of:

a fibrous layer having multiple vertically lapped folds that cooperate to define a first surface and an opposite second surface of the fibrous layer, the first surface being adapted to face toward the floor pan and having multiple recesses, the second surface having a shape that generally conforms with the floor pan, the second surface further having a substantially flat surface portion that extends over at lest two adjacent recesses of the first surface; and

a cover layer attached to the second surface of the fibrous layer;

wherein the multiple recesses are configured to define multiple voids when the flooring system is mounted in the vehicle, thereby enhancing acoustical performance of the flooring system.

11. (Currently Amended) A method of forming a sound insulation system for use within the interior of a vehicle, the method ~~comprising~~ consisting essentially of:

positioning a layer of fibrous padding material having a first surface and an opposite second surface between first and second mold sections of a mold, the first mold section including a first mold surface having multiple spaced apart projections; and

compressing the layer of fibrous padding material between the mold sections such that the first mold surface forms multiple spaced apart recesses in the first surface of the layer of fibrous padding material;

wherein the recesses are configured to define multiple voids when the sound insulation system is installed in the vehicle.

12. (Original) The method of claim 11 wherein the layer of fibrous padding material includes multiple generally vertically oriented fibers.

13. (Original) The method of claim 11 wherein the recesses cooperate to provide a convoluted configuration to the first surface of the layer of fibrous padding material.

14. (Original) The method of claim 11 wherein the second mold section includes a second mold surface, at least a portion of the second mold surface being substantially flat, and wherein the compressing step is performed such that a portion of the second surface of the layer of fibrous padding material that extends over two adjacent recesses of the first surface is formed substantially flat.

15. (Original) The method of claim 11 further comprising attaching a cover layer to the second surface of the layer of fibrous padding material.

16. (Original) The method of claim 15 wherein the attaching step comprises positioning the cover layer between the first and second mold sections with the layer of fibrous padding material.

17. (Original) The method of claim 11 further comprising heating the layer of fibrous padding material prior to the positioning step.

18. (Original) The method of claim 11 further comprising heating the layer of fibrous padding material when the layer of fibrous padding material is positioned between the mold sections.

19. (Original) The method of claim 11 wherein the layer of fibrous padding material includes multiple vertically lapped folds that cooperate to define the first and second surfaces.

20. (Original) The method of claim 11 further comprising lapping a fiber layer to form the layer of fibrous padding material, wherein the lapping step is performed prior to the positioning step.